INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
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100 North Senate Avenue
P. O. Box 6015
Indianapolis, Indiana 46206-6015
(317) 232-8603
(800) 451-6027
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Frank O'Bannon
Governor

Lori F. Kaplan
Commissioner

August 6, 2003

TO: Interested Parties / Applicant

RE: Donaldson Company
#023-16612-00024

FROM: Paul Dubenetzky
Chief, Permits Branch
Office of Air Quality

Notice of Decision: Approval - Effective Immediately

Please be advised that on behalf of the Commissioner of the Department of Environmental Management, I have issued a decision regarding the enclosed matter. Pursuant to IC 13-17-3-4 and 326 IAC 2, this permit modification is effective immediately, unless a petition for stay of effectiveness is filed and granted, and may be revoked or modified in accordance with the provisions of IC 13-15-7-1.

If you wish to challenge this decision, IC 4-21.5-3-7 require that you file a petition for administrative review. This petition may include a request for stay of effectiveness and must be submitted to the Office of Environmental Adjudication, ISTA Building, 150 W. Market Street, Suite 618, Indianapolis, IN 46204, **within (18) eighteen days of the mailing of this notice**. The filing of a petition for administrative review is complete on the earliest of the following dates that apply to the filing:

(1) the date the document is delivered to the Office of Environmental Adjudication (OEA);
(2) the date of the postmark on the envelope containing the document, if the document is mailed to OEA by U.S. mail; or
(3) the date on which the document is deposited with a private carrier, as shown by receipt issued by the carrier, if the document is sent to the OEA by private carrier.

The petition must include facts demonstrating that you are either the applicant, a person aggrieved or adversely affected by the decision or otherwise entitled to review by law. Please identify the permit, decision, or other order for which you seek review by permit number, name of the applicant, location, date of this notice and all of the following:

(1) the name and address of the person making the request;
(2) the interest of the person making the request;
(3) identification of any persons represented by the person making the request;
(4) the reasons, with particularity, for the request;
(5) the issues, with particularity, proposed for consideration at any hearing; and
(6) identification of the terms and conditions which, in the judgment of the person making the request, would be appropriate in the case in question to satisfy the requirements of the law governing documents of the type issued by the Commissioner.

(over)

Pursuant to 326 IAC 2-7-18(d), any person may petition the U.S. EPA to object to the issuance of a Title V operating permit or modification within sixty (60) days of the end of the forty-five (45) day EPA review period. Such an objection must be based only on issues that were raised with reasonable specificity during the public comment period, unless the petitioner demonstrates that it was impractible to raise such issues, or if the grounds for such objection arose after the comment period.

To petition the U.S. EPA to object to the issuance of a Title V operating permit, contact:

U.S. Environmental Protection Agency
Administrator, Christine Todd Whitman
401 M Street
Washington, D.C. 20406

If you have technical questions regarding the enclosed documents, please contact the Office of Air Quality, Permits Branch at (317) 233-0178. Callers from within Indiana may call toll-free at 1-800-451-6027, ext. 3-0178.

Enclosure

FNTVPMOD..wpd 8/21/02

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August 6, 2003

Ms. Pauline Moser
Donaldson Company, Inc.
3260 W. State Road 28
Frankfort, Indiana 46041

Re: **023-16612**
First Significant Permit Modification to
Part 70 No.: T 023-8315-00024

Dear Ms. Moser:

Donaldson Company, Inc. was issued a permit on October 24, 2000 for a stationary air filter manufacturing plant. A letter requesting changes to this permit was received on December 27, 2002. Pursuant to the provisions of 326 IAC 2-7-12 a significant permit modification to this permit is hereby approved as described in the attached Technical Support Document.

The modification consists of the changes due to the previous errors in the applicability of 326 IAC 8. In addition, as part of the modification, exempt emission units that were left out of previous approvals have been included.

The changes in the Part 70 Operating Permit are documented in the Technical Support Document. All other conditions of the permit shall remain unchanged and in effect. Please attach a copy of this modification and the following revised permit pages to the front of the original permit.

This decision is subject to the Indiana Administrative Orders and Procedures Act - IC 4-21.5-3-5. If you have any questions on this matter, please contact Michael S. Schaffer, c/o OAQ, 100 North Senate Avenue, P.O. Box 6015, Indianapolis, Indiana, 46206-6015, at 631-691-3395 ext. 15 or in Indiana at 1-800-451-6027 (ext 631-691-3395).

Sincerely,

Original Signed by
Paul Dubenetzky, Chief
Permits Branch
Office of Air Quality

Attachments
MSS/MES
cc: File - Clinton County
U.S. EPA, Region V
Clinton County Health Department
Air Compliance Section Inspector - Joe Foyst
Compliance Branch - Karen Nowak
Administrative and Development
Technical Support and Modeling - Michelle Boner

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PART 70 OPERATING PERMIT
OFFICE OF AIR QUALITY

Donaldson Company, Inc.
3260 W. State Road 28
Frankfort, Indiana 46041

(herein known as the Permittee) is hereby authorized to operate subject to the conditions contained herein, the source described in Section A (Source Summary) of this permit.

This permit is issued in accordance with 326 IAC 2 and 40 CFR Part 70 Appendix A and contains the conditions and provisions specified in 326 IAC 2-7 as required by 42 U.S.C. 7401, et. seq. (Clean Air Act as amended by the 1990 Clean Air Act Amendments), 40 CFR Part 70.6, IC 13-15 and IC 13-17.

Operation Permit No.: T 023-8315-00024	
Issued by: Janet G. McCabe, Assistant Commissioner Office of Air Quality	Issuance Date: October 24, 2000 Expiration Date: October 24, 2005

First Administrative Amendment 023-12704-00024, issued on November 6, 2000
First Minor Permit Modification: 023-14849-00024, issued on December 26, 2001

First Significant Permit Modification: 023-16612-00024,	Pages Modified: 3 - 6, 26 -29, 30 - 31, and 37 - 40
Issued by: Original signed by Paul Dubenetzky, Branch Chief Office of Air Quality	Issuance Date: August 6, 2003

SECTION A SOURCE SUMMARY

This permit is based on information requested by the Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ). The information describing the source contained in conditions A.1 through A.3 is descriptive information and does not constitute enforceable conditions. However, the Permittee should be aware that a physical change or a change in the method of operation that may render this descriptive information obsolete or inaccurate may trigger requirements for the Permittee to obtain additional permits or seek modification of this permit pursuant to 326 IAC 2, or change other applicable requirements presented in the permit application.

A.1 General Information [326 IAC 2-7-4(c)] [326 IAC 2-7-5(15)]

The Permittee owns and operates a stationary air filter manufacturing plant.

Responsible Official:	Plant Manager
Source Address:	3260 W. State Road 28, Frankfort, Indiana 46041
Mailing Address:	3260 W. State Road 28, Frankfort, Indiana 46041
Phone Number:	(765) 659-4766
SIC Code:	3599
County Location:	Clinton
Source Location Status:	Attainment for all criteria pollutants
Source Status:	Part 70 Permit Program Minor under PSD Rules; Major Source, Section 112 of the Clean Air Act

A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-7-4(c)(3)] [326 IAC 2-7-5(15)]

This stationary source consists of the following emission units and pollution control devices:

(a) One (1) Caterpillar Filter Line, consisting of the following emission units:

(1) One (1) infrared media heater, identified as emission unit C1, constructed in 1980, with a maximum capacity of 715 pounds of filter media per hour, with emissions uncontrolled;

(2) The electric pleat tip curing process, constructed in 1980, with a maximum capacity of 715 pounds of filter media per hour, with emissions uncontrolled;

(3) The encap molding process, constructed in 1980, with a maximum capacity of 88.898 pounds per hour, with emissions uncontrolled and exhausting to stack V1;

(4) The gasket molding process, identified as emission unit C2, constructed in 1980, with a maximum capacity of 5 gallons of water per hour, with emissions uncontrolled and exhausting to stack V1;

(5) The process of spraying mold release on molds prior to applying adhesive, identified as emission unit C3, coating plastic tooling, constructed in 1980, with a maximum capacity of 18.5 ounces of mold release agent per hour, with emissions uncontrolled and exhausting to stack V10;

(6) One (1) soak tank, constructed in 1980, with a maximum capacity of 25 gallons of non-halogenated cleaning solvent, with emissions uncontrolled and exhausting to stack V1;

(7) One (1) soak tank, constructed in 1980, with a maximum capacity of 0.5 gallons of non-halogenated cleaning solvent, with emissions uncontrolled.

(b) One (1) Hoosier Element Assembly Line, consisting of the following emission units:

(1) One (1) infrared media heater, identified as emission unit H1, constructed in 1984, with a maximum capacity of 393 pounds of filter media per hour, with emissions uncontrolled;

(2) The electric pleat tip curing process, identified as emission unit H2, constructed in 1984, with a maximum capacity of 393 pounds of filter media per hour, with emissions uncontrolled;

(3) One (1) paint booth, identified as emission unit H5, constructed in 1984, with a maximum capacity of 2.47 gallons of coating per hour and 247 metal air filter covers per hour, with overspray emissions controlled by a dry filter and VOC emissions uncontrolled and exhausting to stack V3;

(4) Two (2) punch presses, identified as emission units H6, constructed in 1984, with a combined maximum capacity of 2 pounds of lubricant per hour, with emissions uncontrolled;

(5) One (1) soak tank for cleaning tooling, identified as emission unit H7, constructed in 1984, with a maximum capacity of 30 gallons and a maximum usage rate of 1 gallon of non-halogenated cleaning solvent per hour, with emissions uncontrolled. and exhausting to stack V2.

(c) One (1) Hybrid Line, consisting of the following emission units:

(1) Polyurethane mold flush, identified as emission unit D1, constructed in 1992, with a maximum capacity of 2 gallons of water per hour, with emissions uncontrolled and exhausting to stack V6;

(2) The encap molding process, constructed in 1992, with a maximum capacity of 88.898 pounds per hour, with emissions uncontrolled and exhausting to stack V6;

(3) The process of spraying mold release on molds prior to applying adhesive, identified as emission unit D3, coating plastic tooling, constructed in 1992, with a maximum capacity of 1 pound of mold release agent per hour, with emissions uncontrolled and exhausting to stack V5;

(4) Two (2) soak tanks, constructed in 1992, capacity: 2 gallons of non-halogenated cleaning solvent and 5 gallons of non-halogenated cleaning solvent respectively with the 5 gallon tank exhausting to stack V6;

(5) One (1) infrared media heater, identified as emission unit D4, constructed in 1997, with a maximum capacity of 700 pounds of filter media per hour, with emissions uncontrolled;

(6) The electric pleat tip curing process, constructed in 1992, with a maximum capacity of 700 pounds of filter media per hour, with emissions uncontrolled.

(d) One (1) Express Filter Line, consisting of the following emission units:

(1) One (1) infrared media heater, identified as emission unit L1, constructed in 1997, with a maximum capacity of 806 pounds of filter media per hour, with emissions uncontrolled;

(2) The electric pleat tip curing process, constructed in 1997, with a maximum capacity of 806 pounds of filter media per hour, with emissions uncontrolled;

(3) The encap molding process, constructed in 1997, with a maximum capacity of 88.898 pounds per hour, with emissions uncontrolled;

(4) The process of spraying mold release on molds prior to applying adhesive, identified as emission unit L2, coating plastic tooling, constructed in 1997, with a maximum capacity of 26 ounces of mold release agent per hour, with emissions uncontrolled and exhausting to stack V8;

(5) One (1) soak tank, constructed in 1998, with a maximum capacity of 25 gallons of non-halogenated cleaning solvent, with emissions uncontrolled and exhausting to stack V8;

(6) One (1) soak tank, constructed in 1998, with a maximum capacity of 1 gallon of non-halogenated cleaning solvent, with emissions uncontrolled.

(e) Printing inks, identified as emission unit S1, using an ink jet or UV-cure screen printing methods, coats paper, plastic, and metal, constructed in 1980, with a maximum capacity of 2 pounds of printing ink per hour, with emissions uncontrolled. Note: these items are fugitive and used on all production lines.

(f) One (1) maintenance parts cold cleaner, constructed in 1980, identified as emission unit F1, with a maximum capacity of 30 gallons, using Petroleum Solvent, with emissions uncontrolled.

A.3 Specifically Regulated Insignificant Activities [326 IAC 2-7-1(21)] [326 IAC 2-7-4(c)] [326 IAC 2-7-5(15)]

This stationary source also includes the following insignificant activities which are specifically regulated, as defined in 326 IAC 2-7-1(21):

(a) The following equipment related to manufacturing activities not resulting in the emission of HAPs; brazing equipment, cutting torches, soldering equipment, welding equipment;

(b) Pleating and trimming operations servicing all production lines, with particulate emissions exhausting to a single dust collector, referred to as the paper media scrap collection system C9, with emissions exhausting inside the building.

A.4 Part 70 Permit Applicability [326 IAC 2-7-2]

This stationary source is required to have a Part 70 permit by 326 IAC 2-7-2 (Applicability) because:

(a) It is a major source, as defined in 326 IAC 2-7-1(22); and

(b) It is a source in a source category designated by the United States Environmental Protection Agency (U.S. EPA) under 40 CFR 70.3 (Part 70 - Applicability).

SECTION D.1 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)]:

(a) One (1) Caterpillar Filter Line, consisting of the following emission units:

(1) One (1) infrared media heater, identified as emission unit C1, constructed in 1980, with a maximum capacity of 715 pounds of filter media per hour, with emissions uncontrolled;

(2) The electric pleat tip curing process, constructed in 1980, with a maximum capacity of 715 pounds of filter media per hour, with emissions uncontrolled;

(3) The encap molding process, constructed in 1980, with a maximum capacity of 88.898 pounds per hour, with emissions uncontrolled and exhausting to stack V1;

(4) The gasket molding process, identified as emission unit C2, constructed in 1980, with a maximum capacity of 5 gallons of water per hour, with emissions uncontrolled and exhausting to stack V1;

(5) The process of spraying mold release on molds prior to applying adhesive, identified as emission unit C3, coating plastic tooling, constructed in 1980, with a maximum capacity of 18.5 ounces of mold release agent per hour, with emissions uncontrolled and exhausting to stack V10;

(6) One (1) soak tank, constructed in 1980, with a maximum capacity of 25 gallons of non-halogenated cleaning solvent, with emissions uncontrolled and exhausting to stack V1;

(7) One (1) soak tank, constructed in 1980, with a maximum capacity of 0.5 gallons of non-halogenated cleaning solvent, with emissions uncontrolled.

(b) One (1) Hoosier Element Assembly Line, consisting of the following emission units:

(1) One (1) infrared media heater, identified as emission unit H1, constructed in 1984, with a maximum capacity of 393 pounds of filter media per hour, with emissions uncontrolled;

(2) The electric pleat tip curing process, identified as emission unit H2, constructed in 1984, with a maximum capacity of 393 pounds of filter media per hour, with emissions uncontrolled;

(3) One (1) paint booth, identified as emission unit H5, constructed in 1984, with a maximum capacity of 2.47 gallons of coating per hour and 247 metal air filter covers per hour, with overspray emissions controlled by a dry filter and VOC emissions uncontrolled and exhausting to stack V3;

(4) Two (2) punch presses, identified as emission units H6, constructed in 1984, with a combined maximum capacity of 2 pounds of lubricant per hour, with emissions uncontrolled;

(5) One (1) soak tank for cleaning tooling, identified as emission unit H7, constructed in 1984, with a maximum capacity of 30 gallons and a maximum usage rate of 1 gallon of non-halogenated cleaning solvent per hour, with emissions uncontrolled and exhausting to stack V2.

Facility Description [326 IAC 2-7-5(15)]: continued

(c) One (1) Hybrid Line, consisting of the following emission units:

(1) Polyurethane mold flush, identified as emission unit D1, constructed in 1992, with a maximum capacity of 2 gallons of water per hour, with emissions uncontrolled and exhausting to stack V6;

(2) The encap molding process, constructed in 1992, with a maximum capacity of 88.898 pounds per hour, with emissions uncontrolled and exhausting to stack V6;

(3) The process of spraying mold release on molds prior to applying adhesive, identified as emission unit D3, coating plastic tooling, constructed in 1992, with a maximum capacity of 1 pound of mold release agent per hour, with emissions uncontrolled and exhausting to stack V5;

(4) Two (2) soak tanks, constructed in 1992, capacity: 2 gallons of non-halogenated cleaning solvent and 5 gallons of non-halogenated cleaning solvent respectively with the 5 gallon tank exhausting to stack V6;

(5) One (1) infrared media heater, identified as emission unit D4, constructed in 1997, with a maximum capacity of 700 pounds of filter media per hour, with emissions uncontrolled;

(6) The electric pleat tip curing process, constructed in 1992, with a maximum capacity of 700 pounds of filter media per hour, with emissions uncontrolled;

(d) One (1) Express Filter Line, consisting of the following emission units:

(1) One (1) infrared media heater, identified as emission unit L1, constructed in 1997, with a maximum capacity of 806 pounds of filter media per hour, with emissions uncontrolled;

(2) The electric pleat tip curing process, constructed in 1997, with a maximum capacity of 806 pounds of filter media per hour, with emissions uncontrolled;

(3) The encap molding process, constructed in 1997, with a maximum capacity of 88.898 pounds per hour, with emissions uncontrolled;

(4) The process of spraying mold release on molds prior to applying adhesive, identified as emission unit L2, coating plastic tooling, constructed in 1997, with a maximum capacity of 26 ounces of mold release agent per hour, with emissions uncontrolled and exhausting to stack V8;

(5) One (1) soak tank, constructed in 1998, with a maximum capacity of 25 gallons of non-halogenated cleaning solvent, with emissions uncontrolled and exhausting to stack V8;

(6) One (1) soak tank, constructed in 1998, with a maximum capacity of 1 gallon of non-halogenated cleaning solvent, with emissions uncontrolled.

(e) Printing inks, identified as emission unit S1, using an ink jet or UV-cure screen printing methods, coats paper, plastic, and metal, constructed in 1980, with a maximum capacity of 2 pounds of printing ink per hour, with emissions uncontrolled. Note: these items are fugitive and used on all production lines.

(f) One (1) maintenance parts cold cleaner, constructed in 1980, identified as emission unit F1, with a maximum capacity of 30 gallons, using Petroleum Solvent, with emissions uncontrolled.

(The information describing the processes contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

Emission Limitations and Standards [326 IAC 2-7-5(1)]

D.1.1 Volatile Organic Compounds (VOC) [326 IAC 8-2-9]

(a) Pursuant to 326 IAC 8-2-9 (Miscellaneous Metal Coating Operations), the volatile organic compound (VOC) content of coating delivered to the applicator at the spray booth (emission unit H5) shall be limited to 3.5 pounds of VOCs per gallon of coating less water.

(b) Solvent sprayed from application equipment during cleanup or color changes shall be directed into containers. Such containers shall be closed as soon as such solvent spraying is complete, and the waste solvent shall be disposed of in such a manner that evaporation is minimized.

D.1.2 Volatile Organic Compounds (VOC) [326 IAC 8-1-6] [326 IAC 2-2]

(a) In order to render the requirements of 326 IAC 8-1-6 (BACT) not applicable, the following requirements shall apply:

(1) The potential to emit VOC from filter media moisture removal at this source (Emission Units C1, D4, H1, and L1) shall be limited to less than twenty-five (25) tons per twelve (12) consecutive month period with compliance determined at the end of each month. Compliance with this limit renders the requirements of 326 IAC 8-1-6 not applicable to the filter media moisture removal process.

(2) Any change or modification that increases the total potential to emit VOC from the use of mold release at this source (Emission Units C3, D3, and L2) to greater than twenty-five (25) tons of VOC per year, may render the requirements of 326 IAC 8-1-6 applicable to the use of mold release at this source and shall require prior IDEM, OAQ approval.

(b) In order to render the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration (PSD)) not applicable to the source, the entire source shall use less than a total of 250 tons of VOC, including coatings, dilution solvents, cleaning solvents, and lubricants, per twelve (12) consecutive month period with compliance determined at the end of each month. This usage limit is required to limit the potential to emit of VOC to less than 250 tons per year. Compliance with this limit makes 326 IAC 2-2 (Prevention of Significant Deterioration) not applicable.

D.1.3 Volatile Organic Compounds (VOC)

Pursuant to 326 IAC 8-3-2 (Cold Cleaner Operations), the owner or operator shall:

(a) Equip the cleaner with a cover;

(b) Equip the cleaner with a facility for draining cleaned parts;

(c) Close the degreaser cover whenever parts are not being handled in the cleaner;

(d) Drain cleaned parts for at least fifteen (15) seconds or until dripping ceases;

(e) Provide a permanent, conspicuous label summarizing the operation requirements;

(f) Store waste solvent only in covered containers and not dispose of waste solvent or transfer it to another party, in such a manner that greater than twenty percent (20%) of the waste solvent (by weight) can evaporate into the atmosphere.

D.1.4 Volatile Organic Compounds (VOC)

(a) Pursuant to 326 IAC 8-3-5(a) (Cold Cleaner Degreaser Operation and Control), the owner or operator of a cold cleaner degreaser facility shall ensure that the following control equipment requirements are met:

(1) Equip the degreaser with a cover. The cover must be designed so that it can be easily operated with one (1) hand if:

(A) The solvent volatility is greater than two (2) kiloPascals (fifteen (15) millimeters of mercury or three-tenths (0.3) pounds per square inch) measured at thirty-eight degrees Celsius (38^{O}C) (one hundred degrees Fahrenheit (100^{O}F));

(B) The solvent is agitated; or

(C) The solvent is heated.

(2) Equip the degreaser with a facility for draining cleaned articles. If the solvent volatility is greater than four and three-tenths (4.3) kiloPascals (thirty-two (32) millimeters of mercury or six-tenths (0.6) pounds per square inch) measured at thirty-eight degrees Celsius (38^{O}C) (one hundred degrees Fahrenheit (100^{O}F)), then the drainage facility must be internal such that articles are enclosed under the cover while draining. The drainage facility may be external for applications where an internal type cannot fit into the cleaning system.

(3) Provide a permanent, conspicuous label which lists the operating requirements outlined in subsection (b).

(4) The solvent spray, if used, must be a solid, fluid stream and shall be applied at a pressure which does not cause excessive splashing.

(5) Equip the degreaser with one (1) of the following control devices if the solvent volatility is greater than four and three-tenths (4.3) kiloPascals (thirty-two (32) millimeters of mercury or six-tenths (0.6) pounds per square inch) measured at thirty-eight degrees Celsius (38^{O}C) (one hundred degrees Fahrenheit (100^{O}F)), or if the solvent is heated to a temperature greater than forty-eight and nine-tenths degrees Celsius (48.9^{O}C) (one hundred twenty degrees Fahrenheit (120^{O}F)):

(A) A freeboard that attains a freeboard ratio of seventy-five hundredths (0.75) or greater.

(B) A water cover when solvent is used is insoluble in, and heavier than, water.

(C) Other systems of demonstrated equivalent control such as a refrigerated chiller of carbon adsorption. Such systems shall be submitted to the U.S. EPA as a SIP revision.

(b) Pursuant to 326 IAC 8-3-5(b) (Cold Cleaner Degreaser Operation and Control), the owner or operator of a cold cleaning facility shall ensure that the following operating requirements are met:

(1) Close the cover whenever articles are not being handled in the degreaser.

(2) Drain cleaned articles for at least fifteen (15) seconds or until dripping ceases.

(3) Store waste solvent only in covered containers and prohibit the disposal or transfer of waste solvent in any manner in which greater than twenty percent (20%) of the waste solvent by weight could evaporate.

D.1.5 Particulate Matter (PM) [40 CFR 52 Subpart P]

Pursuant to 40 CFR 52 Subpart P, the PM from the paint booth (H5) shall not exceed the pound per hour emission rate established as E in the following formula:

Interpolation of the data for the process weight rate up to sixty thousand (60,000) pounds per hour shall be accomplished by use of the equation:

$E = 4.10\ P^{0.67}$ where E = rate of emission in pounds per hour; and P = process weight rate in tons per hour

D.1.6 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for the paint booth and any control devices.

Compliance Determination Requirements

D.1.7 Volatile Organic Compounds (VOC) [326 IAC 8-1-2]

Compliance with the VOC content limit in Condition D.1.1 shall be determined pursuant to 326 IAC 8-1-2(a)(7), using a volume weighted average of coatings on a daily basis. This volume weighted average shall be determined by the following equation:

$$A = [\ 3\ C \times U) / 3\ U]$$

Where:
A = the volume weighted average in pounds VOC per gallon less water as applied;
C = the VOC content of the coating in pounds VOC per gallon less water as applied; and
U = the usage rate of the coating in gallons per day.

D.1.8 Volatile Organic Compounds (VOC)

Compliance with the VOC content and usage limitations contained in Conditions D.1.1 and D.1.2 shall be determined pursuant to 326 IAC 8-1-4(a)(3) and 326 IAC 8-1-2(a) using formulation data supplied by the coating manufacturer. IDEM, OAQ, reserves the authority to determine compliance using Method 24 in conjunction with the analytical procedures specified in 326 IAC 8-1-4.

D.1.9 VOC Emissions

Compliance with Condition D.1.2 shall be demonstrated within 30 days of the end of each month based on the total volatile organic compound usage for the most recent twelve (12) month period.

Compliance Monitoring Requirements [326 IAC 2-7-6(1)] [326 IAC 2-7-5(1)]

D.1.10 Particulate Matter (PM)

The dry filter for PM control shall be in operation at all times when the paint booth (H5) is in operation.

D.1.11 Monitoring

(a) Daily inspections shall be performed to verify the placement, integrity and particle loading of the filters. To monitor the performance of the dry filters, weekly observations shall be made of the overspray from the surface coating booth stack V3 while the booth is in operation. The Compliance Response Plan shall be followed whenever a condition exists

which should result in a response step. Failure to take response steps in accordance with Section C - Compliance Monitoring Plan - Failure to Take Response Steps, shall be considered a violation of this permit.

(b) Monthly inspections shall be performed of the coating emissions from the stack and the presence of overspray on the rooftops and the nearby ground. The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when a noticeable change in overspray emission, or evidence of overspray emission is observed. The Compliance Response Plan shall be followed whenever a condition exists which should result in a response step. Failure to take response steps in accordance with Section C - Compliance Monitoring Plan - Failure to Take Response Steps, shall be considered a violation of this permit.

(c) Additional inspections and preventive measures shall be performed as prescribed in the Preventive Maintenance Plan.

Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]

D.1.12 Record Keeping Requirements

(a) To document compliance with Conditions D.1.1 and D.1.2, the Permittee shall maintain records in accordance with (1) through (6) below. Records maintained for (1) through (6) shall be taken as stated below and shall be complete and sufficient to establish compliance with the VOC usage limits and/or the VOC emission limits established in Condition D.1.1.

(1) The amount and VOC content of each coating material and solvent used. Records shall include purchase orders, invoices, and material safety data sheets (MSDS) necessary to verify the type and amount used. Solvent usage records shall differentiate between those added to coatings and those used as cleanup solvents;

(2) A log of the dates of use;

(3) The volume weighted VOC content of the coatings used for each day;

(4) The cleanup solvent usage for each month;

(5) The total VOC usage for each month; and

(6) The weight of VOCs emitted for each compliance period.

(b) To document compliance with Condition D.1.11, the Permittee shall maintain a log of weekly overspray observations, daily and monthly inspections, and those additional inspections prescribed by the Preventive Maintenance Plan.

(c) Records shall be kept of the amounts of all VOC-containing materials used.

(d) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

D.1.13 Reporting Requirements

A quarterly summary of the information to document compliance with Condition D.1.2(a)(1) and (b) shall be submitted to the address listed in Section C - General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, within thirty (30) days after the end of the quarter being reported. The report submitted by the Permittee does not require the certification by the “responsible official” as defined by 326 IAC 2-7-1(34).

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE DATA SECTION

Part 70 Quarterly Report

Source Name: Donaldson Company, Inc.
Source Address: 3260 W. State Road 28, Frankfort, Indiana 46041
Mailing Address: 3260 W. State Road 28, Frankfort, Indiana 46041
Part 70 Permit No.: T 023-8315-00024
Facilities: Filter Media Moisture Removal (Emission Units C1, D4, H1, and L1)
Parameter: VOC Emissions
Limit: Less than a total of twenty-five (25) tons per twelve (12) consecutive month period with compliance determined at the end of each month.

YEAR:_____

Month	VOC Emissions (tons)	VOC Emissions (tons)	VOC Emissions (tons)
	This Month	Previous 11 Months	12 Month Total

9 No deviation occurred in this quarter.

9 Deviation/s occurred in this quarter.
Deviation has been reported on:_____

Submitted by: _____

Title / Position: _____

Signature: _____

Date: _____

Phone: _____

Attach a signed certification to complete this report.

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE DATA SECTION

Part 70 Quarterly Report

Source Name: Donaldson Company, Inc.
Source Address: 3260 W. State Road 28, Frankfort, Indiana 46041
Mailing Address: 3260 W. State Road 28, Frankfort, Indiana 46041
Part 70 Permit No.: T 023-8315-00024
Facilities: Entire Source, Including Coatings, Dilution Solvents, Cleaning Solvents, and Lubricants
Parameter: VOC Usage
Limit: Less than a total of 250 tons per twelve (12) consecutive month period with compliance determined at the end of each month.

YEAR: _____

Month	VOC usage (tons)	VOC usage (tons)	VOC usage (tons)
	This Month	Previous 11 Months	12 Month Total

9 No deviation occurred in this quarter.

9 Deviation/s occurred in this quarter.
Deviation has been reported on: _____

Submitted by: _____

Title / Position: _____

Signature: _____

Date: _____

Phone: _____

Attach a signed certification to complete this report.

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Indiana Department of Environmental Management
Office of Air Quality

Technical Support Document (TSD) for a Part 70 Significant Permit Modification

Source Background and Description

Source Name:	**Donaldson Company, Inc.**
Source Location:	**3260 W. State Road 28, Frankfort, Indiana 46041**
County:	**Clinton**
SIC Code:	**3599**
Operation Permit No.:	**T 023-8315-00024**
Operation Permit Issuance Date:	**October 24, 2000**
Significant Permit Modification No.:	**SPM 023-16612-00024**
Permit Reviewer:	**Michael S. Schaffer**

The Office of Air Quality (OAQ) has reviewed a modification application from Donaldson Company, Inc. relating to a request for changes to the equipment list in Condition A.2 and Section D.1 of MPM 023-14849-00024, issued on December 26, 2001 as well as a reevaluation of the applicability of 326 IAC 8 in regards to the facilities that are operated at their source.

The exempt equipment has been added as paragraphs (a)(2) and (3), (c)(3), (5) and (7) as well as (d)(2) and (3) which were not included in MPM 023-14849-00024, issued on December 26, 2001. The following changes to the permitted equipment list have been proposed (deleted language appears as ~~strikeouts~~, new language appears in **bold**):

(a) One (1) Caterpillar Filter Line**,** consisting of the following emission units:

(1) One (1) infrared media heater, identified as emission unit C1, constructed in 1980, with a maximum capacity of 715 pounds of filter media per hour, with emissions uncontrolled and exhausting to stack E2;

(2) The electric pleat tip curing process, constructed in 1980, with a maximum capacity of 715 pounds of filter media per hour, with emissions uncontrolled and exhausting to stack E2;

(3) The encap molding process, constructed in 1980, with a maximum capacity of 88.898 pounds per hour, with emissions uncontrolled;

~~(2)~~ **(4)** The gasket molding process, identified as emission unit C2, constructed in 1980, with a maximum capacity of ~~1~~ **5** gallon**s** of ~~neutra-flush 1~~ **water** per hour, with emissions uncontrolled and exhausting to stack E2;

~~(3)~~ **(5)** The process of spraying mold release on molds prior to applying adhesive, identified as emission unit C3, **coating plastic tooling,** constructed in 1980, with a maximum capacity of 18.5 ounces of mold release agent per hour, with emissions uncontrolled and exhausting to stack E2;

~~(4)~~ **(6)** One (1) ~~parts cleaning~~ **soak** tank, constructed in 1980, with a maximum capacity of 25 gallons **of non-halogenated cleaning solvent**, ~~using Dynasolve solvent,~~ with emissions uncontrolled;

~~(5)~~ **(7)** One (1) ~~parts cleaning~~ **soak** tank, constructed in 1980, with a maximum capacity of 0.5 gallons **of non-halogenated cleaning solvent**, ~~using Dynasolve solvent,~~ with emissions uncontrolled.

~~(a)~~ **(b)** One (1) Hoosier Element Assembly Line**,** consisting of the following emission units:

(1) One (1) infrared media heater, identified as emission unit H1, constructed in 1984, with a maximum capacity of 393 pounds of filter media per hour, with emissions uncontrolled and exhausting to stack E2;

(2) The electric pleat tip curing process, identified as emission unit H2, constructed in 1984, with a maximum capacity of 393 pounds of filter media per hour, with emissions uncontrolled and exhausting to stack E2;

~~(3) Two (2) plastisol ovens, identified as emission units H3 and H4, constructed in 1984, each with a maximum capacity of 8 gallons of sealers per hour, with emissions uncontrolled and exhausting to stack E2;~~

~~(4)~~ **(3)** One (1) paint booth, identified as emission unit H5, **constructed in 1984,** with a maximum capacity of 2.47 gallons of coating per hour and 247 metal air filter covers per hour, with overspray emissions controlled by a dry filter and VOC emissions uncontrolled and exhausting to stack E3;

~~(5)~~ **(4)** Two (2) punch presses, identified as emission units H6, constructed in 1984, with a combined maximum capacity of 2 pounds of lubricant per hour, with emissions uncontrolled;

~~(6)~~ **(5)** One (1) soak tank for cleaning tooling, identified as emission unit H7, constructed in 1984, with a maximum capacity of 30 gallons and a maximum usage rate of 1 gallon **of non-halogenated cleaning solvent** per hour, ~~using Safety Strip solvent~~, with emissions uncontrolled.

~~(b)~~ **(c)** One (1) ~~Duralite Element Assembly~~ **Hybrid** Line**,** consisting of the following emission units:

(1) Polyurethane mold flush, identified as emission unit D1, constructed in 1992, with a maximum capacity of ~~½~~ **2** gallon**s** of ~~neutra-flush 1~~ **water** per hour, with emissions uncontrolled and exhausting to stack E4;

(2) Polyurethane mold flush, identified as emission unit D2, constructed in 1992, with a maximum capacity of ~~½~~ **2** gallon**s** of ~~neutra-flush 1~~ **water** per hour, with emissions uncontrolled and exhausting to stack E4;

(3) The encap molding process, constructed in 1992, with a maximum capacity of 88.898 pounds per hour, with emissions uncontrolled;

~~(3)~~ **(4)** The process of spraying mold release on molds prior to applying adhesive, identified as emission unit D3, **coating plastic tooling,** constructed in 1992, with a maximum capacity of 1 pound of mold release agent per hour, with emissions uncontrolled and exhausting to stack E4;

(5) Two (2) soak tanks, constructed in 1992, capacity: 2 gallons of non-halogenated cleaning solvent and 5 gallons of non-halogenated cleaning solvent respectively;

~~(4)~~ **(6)** One (1) infrared media heater, identified as emission unit D4, constructed in 1997, with a maximum capacity of 700 pounds of filter media per hour, with emissions uncontrolled and exhausting to stack E4;

(7) The electric pleat tip curing process, constructed in 1992, with a maximum capacity of 700 pounds of filter media per hour, with emissions uncontrolled and exhausting to stack E4.

~~(c)~~ **(d)** One (1) Express Filter Line, consisting of the following emission units:

(1) One (1) infrared media heater, identified as emission unit L1, constructed in 1997, with a maximum capacity of 806 pounds of filter media per hour, with emissions uncontrolled and exhausting to stack E11;

(2) The electric pleat tip curing process, constructed in 1997, with a maximum capacity of 806 pounds of filter media per hour, with emissions uncontrolled and exhausting to stack E11;

(3) The encap molding process, constructed in 1997, with a maximum capacity of 88.898 pounds per hour, with emissions uncontrolled;

~~(3)~~ **(4)** The process of spraying mold release on molds prior to applying adhesive, identified as emission unit L2, **coating plastic tooling,** constructed in 1997, with a maximum capacity of 26 ounces of mold release agent per hour, with emissions uncontrolled and exhausting to stack E11;

~~(4)~~ **(5)** One (1) ~~parts cleaning~~ **soak** tank, constructed in 1998, with a maximum capacity of 25 gallons **of non-halogenated cleaning solvent**, ~~using Safety Strip solvent~~, with emissions uncontrolled;

~~(5)~~ **(6)** One (1) ~~parts cleaning~~ **soak** tank, constructed in 1998, with a maximum capacity of 1 gallon **of non-halogenated cleaning solvent**, ~~using Safety Strip solvent~~, with emissions uncontrolled.

~~(d)~~ **(e)** Printing inks, identified as emission unit S1, **using an ink jet or UV-cure screen printing methods, coats paper, plastic, and metal,** constructed in 1980, with a maximum capacity of 2 pounds of printing ink per hour, with emissions uncontrolled. Note: these items are fugitive and used on all production lines.

~~(e)~~ **(f)** One (1) maintenance parts **cold** cleaner, constructed in 1980, **identified as emission unit F1,** with a maximum capacity of 30 gallons, using Petroleum Solvent, with emissions uncontrolled.

History

On December 27, 2002, Donaldson Company, Inc. submitted an application to the OAQ requesting changes to their operating permit. Donaldson Company, Inc. was issued a Part 70 permit (T 023-8315-00024) on October 24, 2000. Donaldson Company, Inc. was issued an Administrative Amendment (AA 023-12704-00024) on November 6, 2000 to correct the equipment list for the Hoosier

Element Assembly Line and associations of VOC emitting material with respective emission units in that filter production line. Donaldson Company, Inc. was issued a Minor Permit Modification (MPM 023-14849-00024) on December 26, 2001 to change the VOC content and usage of materials used at the source.

Note that T 023-8315-00024, issued on October 24, 2000 was written to ensure that Donaldson Company, Inc. would need to apply for an additional approval every time they changed the manufacturer of a material or type of material used. Donaldson Company, Inc. has indicated that there were previous errors in analysis of applicability for the requirements 326 IAC 8 and has requested that this modification correct those errors (See the State Rule - Individual Facilities Section of this document for detailed analysis.).

Existing Approval

The source has been operating under the following previous approvals including:

(a) T 023-8315-00024, issued on October 24, 2000;

(b) AA 023-12704-00024, issued on November 6, 2000; and

(c) MPM 023-14849-00024, issued on December 26, 2001.

All conditions from previous approvals were incorporated into this significant permit modification except the following:

(a) MPM 023-14849-00024, issued on December 26, 2001.

(1) Condition D.1.2(a)(1) - In order to render the requirements of 326 IAC 8-1-6 not applicable, the total amount of neutra-flush 1 used in the entire plant used shall not exceed 6,000 gallons per twelve (12) consecutive month period. Neutra-flush 1 has a VOC content of 8.00 pounds per gallon, therefore, this usage limit is equivalent to VOC emissions of 24 tons per year.

Reason not incorporated: Neutra-flush 1 has been replaced with water and is no longer used at the two (2) polyurethane mold flushes. Therefore, this limit is no longer necessary to render the requirements of 326 IAC 8-1-6 not applicable.

(2) Condition D.1.2(a)(2) - In order to render the requirements of 326 IAC 8-1-6 not applicable, the total amount of safety strip solvent used in the entire plant shall not exceed 5,333 gallons per twelve (12) consecutive month period. Safety strip solvents has a VOC content of 9.00 pounds per gallon; therefore this usage limit is equivalent to VOC emissions of 24 tons per year.

Reason not incorporated: Safety strip solvent is no longer being used in any of the soak tank (formerly parts cleaning tank) facilities at this source. Therefore, this limit is no longer necessary to render the requirements of 326 IAC 8-1-6 not applicable.

(3) Condition D.1.2(a)(3) - In order to render the requirements of 326 IAC 8-1-6 not applicable, the total amount of Dynasolve used in the entire plant shall not exceed 5,330 gallons per twelve (12) consecutive month period. Dynasolve has a VOC content of 9.00 pounds per gallon; therefore this usage limit is equivalent to VOC emissions of 24 tons per year.

Reason not incorporated: The potential to emit VOC from the use of cleaning solvents at this source is less than twenty-five (25) tons per year (see Page 6 of 21 of this document). Therefore, this limit is no longer necessary to render the requirements of 326 IAC 8-1-6 not applicable.

(4) Condition D.1.2(a)(4) - In order to render the requirements of 326 IAC 8-1-6 not applicable, the total amount of Petroleum solvent used in the entire plant shall not exceed 6,000 gallons per twelve (12) consecutive month period. Petroleum Solvent has a VOC content of 8.00 pounds per gallon; therefore this usage limit is equivalent to VOC emissions of 24 tons per year.

Reason not incorporate: Petroleum solvent is used at the one (1) maintenance cold cleaner, constructed in 1980. The maintenance cold cleaner is regulated by the requirements of 326 IAC 8-3-2 and 326 IAC 8-3-5. Pursuant to 326 IAC 8-1-6, only facilities that are not otherwise regulated by 326 IAC 8, shall reduce VOC emissions by using best available control technology (BACT) Therefore, this cleaner is not subject to the requirements of 326 IAC 8-1-6.

Enforcement Issue

There are no enforcement actions pending.

The equipment in paragraphs (a)(2) and (3), which were constructed in 1980, (c)(3), (5) and (7), which were constructed in 1992 as well as (d)(2) and (3), which were constructed in 1997, are not considered CWOP / OWOP emission units because they are operated as exempt units which pursuant to 326 IAC 2-1.1-3(e)(1)(D), each have a potential to emit of less than ten (10) tons of VOC per year each and do not use a control device to comply with the requirements of 326 IAC 8. See Page 6 of 21 of this document for a summary of the potential to emit for the facilities at this source.

Recommendation

The staff recommends to the Commissioner that the Part 70 Significant Permit Modification be approved. This recommendation is based on the following facts and conditions:

Unless otherwise stated, information used in this review was derived from the application and additional information submitted by the applicant.

An application for the purposes of this review was received on December 27, 2002. Additional information was received on March 17, 2003 as well as April 9, 17, 21, and 25, 2003.

Justification for Modification

The Part 70 Operating permit is being modified through a Part 70 Significant Permit Modification. This modification is being performed pursuant to 326 IAC 2-7-12(d)(1) which states, “Significant modification procedures shall be used for applications requesting Part 70 permit modifications that do not qualify as minor permit modifications or as administrative amendments. Every significant change in existing monitoring Part 70 permit terms or conditions and every relaxation of reporting or record keeping permit terms or conditions shall be considered significant. Nothing in this subdivision shall be construed to preclude the Permittee from making changes consistent with this rule that would render existing Part 70 permit compliance terms and conditions irrelevant.” Since these changes include a relaxation of reporting requirements and changes in what parameters are being reported in Condition D.1.12, a Part 70 Significant Permit Modification is required.

Furthermore, the purpose of this modification is to evaluate the requirements of 326 IAC 8 and how they apply to the facilities at this source and to determine if Donaldson Company, Inc. will continue to be required to apply for a new approval each time they change a material type or usage. Subsequently, IDEM, OAQ has determined that Donaldson Company, Inc. will not be required to apply for an additional approval each time they change a material type or usage as long as the source complies with all permit terms and conditions. For detailed analysis, see the State Rules - Individual Facilities section of this document.

State Rules - Individual Facilities

On April 25, 2003 Donaldson Company, Inc. supplied IDEM, OAQ with VOC emissions calculations. In order to justify the source's request to reevaluate the applicability of the requirements of 326 IAC 8 for each facility, the potential to emit VOC from each process has been summarized in the following table:

VOC Emitting Process	**Emission Units That Are Part Of The Process**	**Potential To Emit VOC for Process** (tons/year)
Adhesives, Polyurethane, and Isocyanate	Gasket Molding (C2) and two (2) encap molding processes	13.8
Mold Flushes	Polyurethane Mold Flush (D1 and D2)	0.00
Filter Media Heating	Infrared Media Heaters (C1, D4, H1, L1)	45.8
Curing, Pleating and Trimming	Electric Pleat Tip Curing Processes and Insignificant Pleating and Trimming	0.00
Mold Release	Mold Release Spraying (C3, D3, and L2)	22.4
Punch Press	Punch Presses (H6)	6.57
Painting	Paint Booth (H5)	3.70
Cleaning Solvents	Cold Cleaners and Soak Tanks	6.13
Ink Jet and UV Printing	Plant-wide Printing Ink Operations (S1)	0.654
Media Treatment, Seal Clamp, and Flame Retardant	Fugitive	2.35
Insignificant Activities Not Specifically Regulated	DIG Operation	2.23

The potential to emit was calculated based on the following equations:

Total amount of material used for the VOC emitting process in 2002 (based on 6,000 hours) x 2.5 / 8,760 hours = Maximum VOC usage rate in pounds per hour

Maximum VOC usage rate in pounds per hour x "Worst Case" VOC% used at for a process x (1 ton / 2000 pounds x 8,760 hours / 1 year) = Potential to Emit VOC in tons per year

Note that the unrestricted potential to emit of the entire source is now less than 250 tons per year due to changes in the materials and cleaning solvents used at the source. However, Donaldson Company, Inc. has elected to retain the existing PSD minor VOC limit as stated in Condition D.1.2(b) of MPM 023-14849-00024, issued on December 26, 2001.

326 IAC 8-1-6 (New facilities; General Reduction Requirements)

Since the use of mold release for the surface coating of plastic tooling (Emission Units C3, D3, and L2) and the removal of moisture from filter media (Emission Units C1, D4, H1, L1) are not covered any of the requirements of 326 IAC 8, these processes, which take place at emission units that were constructed after January 1, 1980, could be subject to the requirements of 326 IAC 8-1-6 (New Facilities: General Reduction Requirements). Since product is shared between all production lines to determine the applicability of 326 IAC 8-1-6 for these processes, the potential to emit VOC shall be counted as a combined total from all production lines. The following determinations have been made.

(a) The potential to emit VOC from the filter media moisture removal operations at this source is 45.8 tons of VOC per year, which is greater than a total of twenty-five (25) tons per year. Donaldson Company, Inc. has elected to limit VOC emissions from filter media moisture removal (Emission Units C1, D4, H1, L1) to less than twenty-five (25) tons per twelve (12) consecutive month period with compliance determined at the end of each month. Compliance with this limit renders the requirements of 326 IAC 8-1-6 not applicable for the filter media moisture removal process.

(b) The potential to emit VOC due to delivering mold release to the applicators is 21.1 tons per year, which is less than twenty-five (25) tons per year. Therefore, any change or modification that increases the total potential to emit VOC from the use of mold release at this source (Emission Units C3, D3, and L2) to greater than twenty-five (25) tons of VOC per year, may render the requirements of 326 IAC 8-1-6 applicable and will require prior IDEM, OAQ approval.

(c) The potential to emit VOC from adhesives, polyurethane, and isocyanate, mold flushes, curing, pleating and trimming, ink jet and UV printing when coating plastic and paper printing, non-degreasing cleaning solvents, and fugitive materials are each less than twenty-five (25) ton per year. Therefore, the requirements of 326 IAC 8-1-6 do not apply to these processes.

326 IAC 8-2-5 (Paper Coating Operations)

The production lines at this source do not deliver coatings to paper, plastic, metal foil, or pressure sensitive tapes/labels. Therefore, the requirements of 326 IAC 8-2-5 are not applicable.

326 IAC 8-2-9 (Miscellaneous Metal Coating)

(a) The potential to emit VOC from the one (1) paint booth, identified as H5, constructed in 1984, located in Clinton County, is 3.70 tons per year, which is less than twenty-five (25) tons per year. However, pursuant to Condition D.1.1 of MPM 023-14849-00024, issued on December 26, 2001, the one (1) paint booth was subject to the requirements 326 IAC 8-2-9 for the surface coating of metal air filter covers under the Standard Industrial Classification (SIC) Code # 35. Pursuant to 326 IAC 8-1-1(b), facilities that are subject to an article in an enforceable permit shall continue to be subject that rule, unless the potential to emit from that facility is limited to less than fifteen (15) pounds of VOC per day. As a result, Donaldson Company, Inc. has elected to remain subject to the requirements of 326 IAC 8-

2-9 for the operation of the one (1) paint booth. Therefore, Condition D.1.1 of MPM 023-14849-00024, issued on December 26, 2001, will remain unchanged.

Since Donaldson Company, Inc. is required to record keep the volume weighted VOC content in Condition D.1.11(a)(3) of MPM 023-14849-00024, issued on December 26, 2001 (now Condition D.1.12(a)(3)), the source has elected to comply with the requirements of 326 IAC 8-2-9 by calculating the daily volume weighted average of VOC content whenever metal is coated using the following equation:

$$A = [\ 3\ C \times U) / 3\ U]$$

Where: A = the volume weighted average in pounds VOC per gallon less water as applied;

C = the VOC content of the coating in pounds VOC per gallon less water as applied; and

U = the usage rate of the coating in gallons per day.

(b) The coating of metal air filters does take place at the one (1) printing operation, identified as S1, constructed in 1980. However, the potential to emit VOC from the metal coating at the one (1) printing operation is less than twenty-five (25) tons per year. Therefore, the requirements of 326 IAC 8-2-9 do not apply to the metal coatings at the one (1) printing operation.

326 IAC 8-3-2 (Cold Cleaner Operations)

The one (1) maintenance cold cleaner, constructed in 1980 is subject the requirements of 326 IAC 8-3-2. The following requirements shall apply to each degreaser:

The Permittee shall:

(a) equip the cleaner with a cover;

(b) equip the cleaner with a facility for draining cleaned parts;

(c) close the degreaser cover whenever parts are not being handled in the cleaner;

(d) drain cleaned parts for at least fifteen (15) seconds or until dripping ceases;

(e) provide a permanent, conspicuous label summarizing the operating requirements; and

(f) store waste solvent only in covered containers and not dispose of waste solvent or transfer it to another party, in such a manner that greater than twenty percent (20%) of the waste solvent (by weight) can evaporate into the atmosphere.

The requirements of 326 IAC 8-3-2 were incorporated in Condition D.1.3 (Volatile Organic Compounds (VOC)) of MPM 023-14849-00024, issued on December 26, 2001 and Condition D.1.3 will remain unchanged.

326 IAC 8-3-5 (Cold Cleaner Degreaser Operation and Control)

The one (1) maintenance cold cleaner, constructed in 1980 is a cold cleaner degreasers without remote solvent reservoirs. Therefore, the requirements of 326 IAC 8-3-5 are applicable. The

following requirements shall apply to each degreaser:

(a) The Permittee shall ensure that the following control equipment requirements are met:

(1) Equip the degreaser with a cover. The cover must be designed so that it can be easily operated with one (1) hand if:

(A) the solvent volatility is greater than two (2) kiloPascals (fifteen (15) millimeters of mercury or three-tenths (0.3) pounds per square inch) measured at thirty-eight degrees Celsius (38EC) (one hundred degrees Fahrenheit (100EF));

(B) the solvent is agitated; or

(C) the solvent is heated.

(2) Equip the degreaser with a facility for draining cleaned articles. If the solvent volatility is greater than four and three-tenths (4.3) kiloPascals (thirty-two (32) millimeters of mercury or six-tenths (0.6) pounds per square inch) measured at thirty-eight degrees Celsius (38EC) (one hundred degrees Fahrenheit (100EF)), then the drainage facility must be internal such that articles are enclosed under the cover while draining. The drainage facility may be external for applications where an internal type cannot fit into the cleaning system.

(3) Provide a permanent, conspicuous label which lists the operating requirements outlined in subsection (b).

(4) The solvent spray, if used, must be a solid, fluid stream and shall be applied at a pressure which does not cause excessive splashing.

(5) Equip the degreaser with one (1) of the following control devices if the solvent volatility is greater than four and three-tenths (4.3) kiloPascals (thirty-two (32) millimeters of mercury or six-tenths (0.6) pounds per square inch) measured at thirty-eight degrees Celsius (38EC) (one hundred degrees Fahrenheit (100EF)), or if the solvent is heated to a temperature greater than forty-eight and nine-tenths degrees Celsius (48.9EC) (one hundred twenty degrees Fahrenheit (120EF)):

(A) A freeboard that attains a freeboard ratio of seventy-five hundredths (0.75) or greater.

(B) A water cover when solvent used is insoluble in, and heavier than, water.

(C) Other systems of demonstrated equivalent control such as a refrigerated chiller or carbon adsorption. Such systems shall be submitted to the U.S. EPA as a SIP revision.

(b) The Permittee of a cold cleaning facility shall ensure that the following operating requirements are met:

(1) Close the cover whenever articles are not being handled in the degreaser.

(2) Drain cleaned articles for at least fifteen (15) seconds or until dripping ceases.

(3) Store waste solvent only in covered containers and prohibit the disposal or transfer of waste solvent in any manner in which greater than twenty percent (20%) of the waste solvent by weight could evaporate.

The requirements of 326 IAC 8-3-5 were incorporated in Condition D.1.4 (Volatile Organic Compounds (VOC)) of MPM 023-14849-00024, issued on December 26, 2001 and Condition D.1.4 will remain unchanged.

326 IAC 8-5-5 (Graphic Arts Operations)

Packaging rotogravure, publication rotogravure, and flexographic printing, does not take place in the one (1) printing operation, identified as S1. Therefore, the requirements of 326 IAC 8-5-5 are not applicable to this source.

Proposed Changes

The permit language is changed to read as follows (deleted language appears as ~~strikeouts~~, new language appears in **bold**):

A.1 General Information [326 IAC 2-7-4(c)] [326 IAC 2-7-5(15)]

The Permittee owns and operates **a** stationary air filter manufacturing plant.

Responsible Official:	~~Jay Ward~~ **Plant Manager**
Source Address:	3260 W. State Road 28, Frankfort, Indiana 46041
Mailing Address:	3260 W. State Road 28, Frankfort, Indiana 46041
Phone Number:	(765) 659-4766
SIC Code:	3599
County Location:	Clinton
Source Location Status:	Attainment for all criteria pollutants
Source Status:	Part 70 Permit Program Minor under PSD Rules; Major Source, Section 112 of the Clean Air Act

A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-7-4(c)(3)] [326 IAC 2-7-5(15)]

(a) One (1) Caterpillar Filter Line**,** consisting of the following emission units:

(1) One (1) infrared media heater, identified as emission unit C1, constructed in 1980, with a maximum capacity of 715 pounds of filter media per hour, with emissions uncontrolled and exhausting to stack E2;

(2) The electric pleat tip curing process, constructed in 1980, with a maximum capacity of 715 pounds of filter media per hour, with emissions uncontrolled and exhausting to stack E2;

(3) The encap molding process, constructed in 1980, with a maximum capacity of 88.898 pounds per hour, with emissions uncontrolled;

~~(2)~~ **(4)** The gasket molding process, identified as emission unit C2, constructed in 1980, with a maximum capacity of ~~1~~ **5** gallon**s** of ~~neutra-flush 1~~ **water** per hour, with emissions uncontrolled and exhausting to stack E2;

~~(3)~~ **(5)** The process of spraying mold release on molds prior to applying adhesive, identified as emission unit C3, **coating plastic tooling,** constructed in 1980, with a maximum capacity of 18.5 ounces of mold release agent per hour, with emissions uncontrolled and exhausting to stack E2;

~~(4)~~ **(6)** One (1) ~~parts cleaning~~ **soak** tank, constructed in 1980, with a maximum capacity of 25 gallons **of non-halogenated cleaning solvent**, ~~using Dynasolve solvent,~~ with emissions uncontrolled;

~~(5)~~ **(7)** One (1) ~~parts cleaning~~ **soak** tank, constructed in 1980, with a maximum capacity of 0.5 gallons **of non-halogenated cleaning solvent**, ~~using Dynasolve solvent,~~ with emissions uncontrolled.

~~(a)~~ **(b)** One (1) Hoosier Element Assembly Line**,** consisting of the following emission units:

(1) One (1) infrared media heater, identified as emission unit H1, constructed in 1984, with a maximum capacity of 393 pounds of filter media per hour, with emissions uncontrolled and exhausting to stack E2;

(2) The electric pleat tip curing process, identified as emission unit H2, constructed in 1984, with a maximum capacity of 393 pounds of filter media per hour, with emissions uncontrolled and exhausting to stack E2;

~~(3) Two (2) plastisol ovens, identified as emission units H3 and H4, constructed in 1984, each with a maximum capacity of 8 gallons of sealers per hour, with emissions uncontrolled and exhausting to stack E2;~~

~~(4)~~ **(3)** One (1) paint booth, identified as emission unit H5, **constructed in 1984,** with a maximum capacity of 2.47 gallons of coating per hour and 247 metal air filter covers per hour, with overspray emissions controlled by a dry filter and VOC emissions uncontrolled and exhausting to stack E3;

~~(5)~~ **(4)** Two (2) punch presses, identified as emission units H6, constructed in 1984, with a combined maximum capacity of 2 pounds of lubricant per hour, with emissions uncontrolled;

~~(6)~~ **(5)** One (1) soak tank for cleaning tooling, identified as emission unit H7, constructed in 1984, with a maximum capacity of 30 gallons and a maximum usage rate of 1 gallon **of non-halogenated cleaning solvent** per hour, ~~using Safety Strip solvent~~, with emissions uncontrolled.

~~(b)~~ **(c)** One (1) ~~Duralite Element Assembly~~ **Hybrid** Line**,** consisting of the following emission units:

(1) Polyurethane mold flush, identified as emission unit D1, constructed in 1992, with a maximum capacity of ~~½~~ **2** gallon**s** of ~~neutra-flush 1~~ **water** per hour, with emissions uncontrolled and exhausting to stack E4;

(2) Polyurethane mold flush, identified as emission unit D2, constructed in 1992, with a maximum capacity of ~~½~~ **2** gallon**s** of ~~neutra-flush 1~~ **water** per hour, with emissions uncontrolled and exhausting to stack E4;

(3) The encap molding process, constructed in 1992, with a maximum capacity of 88.898 pounds per hour, with emissions uncontrolled;

~~(3)~~ **(4)** The process of spraying mold release on molds prior to applying adhesive, identified as emission unit D3, **coating plastic tooling,** constructed in 1992, with a maximum capacity of 1 pound of mold release agent per hour, with emissions uncontrolled and exhausting to stack E4;

(5) Two (2) soak tanks, constructed in 1992, capacity: 2 gallons of non-halogenated cleaning solvent and 5 gallons of non-halogenated cleaning solvent respectively;

~~(4)~~ **(6)** One (1) infrared media heater, identified as emission unit D4, constructed in 1997, with a maximum capacity of 700 pounds of filter media per hour, with emissions uncontrolled and exhausting to stack E4;

(7) The electric pleat tip curing process, constructed in 1992, with a maximum capacity of 700 pounds of filter media per hour, with emissions uncontrolled and exhausting to stack E4.

~~(c)~~ **(d)** One (1) Express Filter Line, consisting of the following emission units:

(1) One (1) infrared media heater, identified as emission unit L1, constructed in 1997, with a maximum capacity of 806 pounds of filter media per hour, with emissions uncontrolled and exhausting to stack E11;

(2) The electric pleat tip curing process, constructed in 1997, with a maximum capacity of 806 pounds of filter media per hour, with emissions uncontrolled and exhausting to stack E11;

(3) The encap molding process, constructed in 1997, with a maximum capacity of 88.898 pounds per hour, with emissions uncontrolled;

~~(3)~~ **(4)** The process of spraying mold release on molds prior to applying adhesive, identified as emission unit L2, **coating plastic tooling,** constructed in 1997, with a maximum capacity of 26 ounces of mold release agent per hour, with emissions uncontrolled and exhausting to stack E11;

~~(4)~~ **(5)** One (1) ~~parts cleaning~~ **soak** tank, constructed in 1998, with a maximum capacity of 25 gallons **of non-halogenated cleaning solvent**, ~~using Safety Strip solvent~~, with emissions uncontrolled;

~~(5)~~ **(6)** One (1) ~~parts cleaning~~ **soak** tank, constructed in 1998, with a maximum capacity of 1 gallon **of non-halogenated cleaning solvent**, ~~using Safety Strip solvent~~, with emissions uncontrolled.

~~(d)~~ **(e)** Printing inks, identified as emission unit S1, **using an ink jet or UV-cure screen printing methods, coats paper, plastic, and metal,** constructed in 1980, with a maximum capacity of 2 pounds of printing ink per hour, with emissions uncontrolled. Note: these items are fugitive and used on all production lines.

~~(e)~~ **(f)** One (1) maintenance parts **cold** cleaner, constructed in 1980, **identified as emission unit F1,** with a maximum capacity of 30 gallons, using Petroleum Solvent, with emissions uncontrolled.

SECTION D.1 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)]:

(a) One (1) Caterpillar Filter Line**,** consisting of the following emission units:

(1) One (1) infrared media heater, identified as emission unit C1, constructed in 1980, with a maximum capacity of 715 pounds of filter media per hour, with emissions uncontrolled and exhausting to stack E2;

(2) The electric pleat tip curing process, constructed in 1980, with a maximum capacity of 715 pounds of filter media per hour, with emissions uncontrolled and exhausting to stack E2;

(3) The encap molding process, constructed in 1980, with a maximum capacity of 88.898 pounds per hour, with emissions uncontrolled;

~~(2)~~ **(4)** The gasket molding process, identified as emission unit C2, constructed in 1980, with a maximum capacity of ~~1~~ **5** gallon**s** of ~~neutra-flush 1~~ **water** per hour, with emissions uncontrolled and exhausting to stack E2;

~~(3)~~ **(5)** The process of spraying mold release on molds prior to applying adhesive, identified as emission unit C3, **coating plastic tooling,** constructed in 1980, with a maximum capacity of 18.5 ounces of mold release agent per hour, with emissions uncontrolled and exhausting to stack E2;

~~(4)~~ **(6)** One (1) ~~parts cleaning~~ **soak** tank, constructed in 1980, with a maximum capacity of 25 gallons **of non-halogenated cleaning solvent**, ~~using Dynasolve solvent,~~ with emissions uncontrolled;

~~(5)~~ **(7)** One (1) ~~parts cleaning~~ **soak** tank, constructed in 1980, with a maximum capacity of 0.5 gallons **of non-halogenated cleaning solvent**, ~~using Dynasolve solvent,~~ with emissions uncontrolled.

~~(a)~~ **(b)** One (1) Hoosier Element Assembly Line**,** consisting of the following emission units:

(1) One (1) infrared media heater, identified as emission unit H1, constructed in 1984, with a maximum capacity of 393 pounds of filter media per hour, with emissions uncontrolled and exhausting to stack E2;

(2) The electric pleat tip curing process, identified as emission unit H2, constructed in 1984, with a maximum capacity of 393 pounds of filter media per hour, with emissions uncontrolled and exhausting to stack E2;

~~(3) Two (2) plastisol ovens, identified as emission units H3 and H4, constructed in 1984, each with a maximum capacity of 8 gallons of sealers per hour, with emissions uncontrolled and exhausting to stack E2;~~

~~(4)~~ **(3)** One (1) paint booth, identified as emission unit H5, **constructed in 1984,** with a maximum capacity of 2.47 gallons of coating per hour and 247 metal air filter covers per hour, with overspray emissions controlled by a dry filter and VOC emissions uncontrolled and exhausting to stack E3;

~~(5)~~ **(4)** Two (2) punch presses, identified as emission units H6, constructed in 1984, with a combined maximum capacity of 2 pounds of lubricant per hour, with emissions uncontrolled;

~~(6)~~ **(5)** One (1) soak tank for cleaning tooling, identified as emission unit H7, constructed in 1984, with a maximum capacity of 30 gallons and a maximum usage rate of 1 gallon **of non-halogenated cleaning solvent** per hour, ~~using Safety Strip solvent~~, with emissions uncontrolled.

Facility Description [326 IAC 2-7-5(15)]: continued

~~(b)~~ **(c)** One (1) ~~Duralite Element Assembly~~ **Hybrid** Line**,** consisting of the following emission units:

(1) Polyurethane mold flush, identified as emission unit D1, constructed in 1992, with a maximum capacity of ~~½~~ **2** gallon**s** of ~~neutra-flush 1~~ **water** per hour, with emissions uncontrolled and exhausting to stack E4;

(2) Polyurethane mold flush, identified as emission unit D2, constructed in 1992, with a maximum capacity of ~~½~~ **2** gallon**s** of ~~neutra-flush 1~~ **water** per hour, with emissions uncontrolled and exhausting to stack E4;

(3) The encap molding process, constructed in 1992, with a maximum capacity of 88.898 poundsper hour, with emissions uncontrolled;

~~(3)~~ **(4)** The process of spraying mold release on molds prior to applying adhesive, identified as emission unit D3, **coating plastic tooling,** constructed in 1992, with a maximum capacity of 1 pound of mold release agent per hour, with emissions uncontrolled and exhausting to stack E4;

(5) Two (2) soak tanks, constructed in 1992, capacity: 2 gallons of non-halogenated cleaning solvent and 5 gallons of non-halogenated cleaning solvent respectively;

~~(4)~~ **(6)** One (1) infrared media heater, identified as emission unit D4, constructed in 1997, with a maximum capacity of 700 pounds of filter media per hour, with emissions uncontrolled and exhausting to stack E4;

(7) The electric pleat tip curing process, constructed in 1992, with a maximum capacity of 700 pounds of filter media per hour, with emissions uncontrolled and exhausting to stack E4.

~~(c)~~ **(d)** One (1) Express Filter Line, consisting of the following emission units:

(1) One (1) infrared media heater, identified as emission unit L1, constructed in 1997, with a maximum capacity of 806 pounds of filter media per hour, with emissions uncontrolled and exhausting to stack E11;

(2) The electric pleat tip curing process, constructed in 1997, with a maximum capacity of 806 pounds of filter media per hour, with emissions uncontrolled and exhausting to stack E11;

(3) The encap molding process, constructed in 1997, with a maximum capacity of 88.898 pounds per hour, with emissions uncontrolled;

~~(3)~~ **(4)** The process of spraying mold release on molds prior to applying adhesive, identified as emission unit L2, **coating plastic tooling,** constructed in 1997, with a maximum capacity of 26 ounces of mold release agent per hour, with emissions uncontrolled and exhausting to stack E11;

~~(4)~~ **(5)** One (1) ~~parts cleaning~~ **soak** tank, constructed in 1998, with a maximum capacity of 25 gallons **of non-halogenated cleaning solvent**, ~~using Safety Strip solvent~~, with emissions uncontrolled;

~~(5)~~ **(6)** One (1) ~~parts cleaning~~ **soak** tank, constructed in 1998, with a maximum capacity of 1 gallon **of non-halogenated cleaning solvent**, ~~using Safety Strip solvent~~, with emissions uncontrolled.

~~(d)~~ **(e)** Printing inks, identified as emission unit S1, **using an ink jet or UV-cure screen printing methods, coats paper, plastic, and metal,** constructed in 1980, with a maximum capacity of 2 pounds of printing ink per hour, with emissions uncontrolled. Note: these items are fugitive and used on all production lines.

~~(e)~~ **(f)** One (1) maintenance parts **cold** cleaner, constructed in 1980, **identified as emission unit F1,** with a maximum capacity of 30 gallons, using Petroleum Solvent, with emissions uncontrolled.

(The information describing the processes contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

D.1.2 Volatile Organic Compounds (VOC) [326 IAC 8-1-6] [326 IAC 2-2]

(a) In order to render the requirements of 326 IAC 8-1-6 (BACT) not applicable, the following requirements shall apply:

~~(1) The total amount of neutra-flush 1 used in the entire plant used shall not exceed 6000 gallons per 12 consecutive month period. Neutra-flush 1 has a VOC content of 8.00 pounds per gallon; therefore this usage limit is equivalent to VOC emissions of 24 tons per year.~~

~~(2) The total amount of safety strip solvent used in the entire plant shall not exceed 5333 gallons per 12 consecutive month period. Safety strip solvent has a VOC content of 9.00 pounds per gallon; therefore this usage limit is equivalent to VOC emissions of 24 tons per year.~~

~~(3) The total amount of Dynasolve used in the entire plant shall not exceed 5333 gallons per 12 consecutive month period. Dynasolve has a VOC content of 9.00 pounds per gallon; therefore this usage limit is equivalent to VOC emissions of 24 tons per year.~~

~~(4) The total amount of Petroleum solvent used in the entire plant shall not exceed 6000 gallons per 12 consecutive month period. Petroleum solvent has a VOC content of 8.00 pounds per gallon; therefore this usage limit is equivalent to VOC emissions of 24 tons per year.~~

~~These usage limits are required in order to limit the potential to emit VOC to less than 25 tons per 12 consecutive month period for each facility. Compliance with these limits shall render 326 IAC 8-1-6(BACT) not applicable.~~

(1) The potential to emit VOC from filter media moisture removal at this source (Emission Units C1, D4, H1, and L1) shall be limited to less than twenty-five (25) tons per twelve (12) consecutive month period with compliance determined at the end of each month. Compliance with this limit renders the requirements of 326 IAC 8-1-6 not applicable to the filter media moisture removal process.

(2) Any change or modification that increases the total potential to emit VOC from the use of mold release at this source (Emission Units C3, D3, and L2) to greater than twenty-five (25) tons of VOC per year, may render the requirements of 326 IAC 8-1-6 applicable to the use of mold release at this source and shall require prior IDEM, OAQ approval.

(b) In order to render the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration (PSD)) not applicable to the source, the **entire** source shall use less than **a total of** 250 tons of VOC, including coatings, dilution solvents, cleaning solvents, and lubricants, per **twelve (**12**)** consecutive month period **with compliance determined at the end of each month**. This usage limit is required to limit the potential to emit of VOC to less than 250 tons per ~~12 consecutive month period~~ **year**. Compliance with this limit makes 326 IAC 2-2 (Prevention of Significant Deterioration) ~~and 40 CFR 52.21~~ not applicable.

D.1.5 Particulate Matter (PM) ~~[326 IAC 6-3-2(c)]~~ **[40 CFR 52 Subpart P]**

Pursuant to ~~326 IAC 6-3-2 (Process Operations)~~ **40 CFR 52 Subpart P**, the PM from the paint booth (H5) shall not exceed the pound per hour emission rate established as E in the following formula:

D.1.7 Volatile Organic Compounds (VOC) [326 IAC 8-1-2]

Compliance with the VOC content limit in Condition D.1.1 shall be determined pursuant to 326 IAC 8-1-2(a)(7), using a volume weighted average of coatings on a daily basis. This volume weighted average shall be determined by the following equation:

A = [3 C x U) / 3 U]

Where: A = the volume weighted average in pounds VOC per gallon less water as applied;

C = the VOC content of the coating in pounds VOC per gallon less water as applied; and

U = the usage rate of the coating in gallons per day.

D.1.~~7~~**8** Volatile Organic Compounds (VOC)

Compliance with the VOC content and usage limitations contained in Conditions D.1.1 and D.1.2 shall be determined pursuant to 326 IAC 8-1-4(a)(3) and 326 IAC 8-1-2(a) using formulation data supplied by the coating manufacturer. IDEM, OA~~M~~**Q**, reserves the authority to determine compliance using Method 24 in conjunction with the analytical procedures specified in 326 IAC 8-1-4.

D.1.~~11~~**12** Record Keeping Requirements

(a) To document compliance with Conditions D.1.1 and D.1.2, the Permittee shall maintain records in accordance with (1) through (6) below. Records maintained for (1) through (6) shall be taken ~~monthly~~ **as stated below** and shall be complete and sufficient to establish compliance with the VOC usage limits and/or the VOC emission limits established in Condition D.1.1.

(3) The volume weighted VOC content of the coatings used for each ~~month~~ **day**;

(b) To document compliance with Condition D.1.~~10~~ **11**, the Permittee shall maintain a log of weekly overspray observations, daily and monthly inspections, and those additional inspections prescribed by the Preventive Maintenance Plan.

D.1.~~12~~**13** Reporting Requirements

A quarterly summary of the information to document compliance with Condition D.1.2(a)**(1)** and (b) shall be submitted to the address listed in Section C - General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, within thirty (30) days after the end of the quarter being reported. The report submitted by the Permittee does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

~~INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT~~
~~OFFICE OF AIR QUALITY~~
~~COMPLIANCE DATA SECTION~~

~~Part 70 Quarterly Report~~

~~Source Name: Donaldson Company, Inc.~~
~~Source Address: 3260 W. State Road 28, Frankfort, Indiana 46041~~
~~Mailing Address: 3260 W. State Road 28, Frankfort, Indiana 46041~~
~~Part 70 Permit No.: T023-8315-00024~~
~~Facilities: all processes emitting VOCs~~
~~Parameter: material usages and VOC emissions~~

~~Limits:~~ ~~see table below~~

~~YEAR: _____~~

	~~This Month~~			~~Previous 11 Months~~		~~12 Month Total~~			
	~~column 1~~	~~column 2~~	~~column 1 x column 2 / 2000 lbs/ton~~	~~column 3~~	~~(column 1 x column 3) / 2000 lbs/ton~~	~~column 4 (column 2 +column 3)~~	~~(column 1 x column 4) / 2000 lbs/ton~~		
~~Material~~	~~VOC Content~~	~~Actual Usage (gallons or lbs as specified)~~	~~Actual VOC emissions (tons)~~	~~Actual Usage (gallons or lbs as specified)~~	~~Actual VOC Emissions (tons)~~	~~Actual Usage (gallons or lbs as specified)~~	~~Actual VOC Emissions (tons)~~	~~Usage Limit (gallons)~~	~~VOC Emission Limit (tons per 12 consecutive month period)~~
~~neutra-flush~~	~~8.00 lb/gal~~	~~gallons~~		~~gallons~~		~~gallons~~		~~6000~~	~~24~~
~~safety strip solvent~~	~~9.00 lb/gal~~	~~gallons~~		~~gallons~~		~~gallons~~		~~5333~~	~~24~~
~~Dynasolve~~	~~9.00 lb/gal~~	~~gallons~~		~~gallons~~		~~gallons~~		~~5333~~	~~24~~
~~Petroleum Solvent~~	~~8.00 lb/gal~~	~~gallons~~		~~gallons~~		~~gallons~~		~~6000~~	~~24~~
	~~This Month~~			~~Previous 11 Months~~		~~12 Month Total~~			
	~~column 1~~	~~column 2~~	~~column 1 x column 2 / 2000 lbs/ton~~	~~column 3~~	~~(column 1 x column 3) / 2000 lbs/ton~~	~~column 4 (column 2 +column 3)~~	~~(column 1 x column 4) / 2000 lbs/ton~~		
~~Material~~	~~VOC Content~~	~~Actual Usage (gallons or lbs as specified)~~	~~Actual VOC Emissions (tons)~~	~~Actual Usage (gallons or lbs as specified)~~	~~Actual VOC Emissions (tons)~~	~~Actual Usage (gallons or lbs as specified)~~	~~Actual VOC Emissions (tons)~~	~~Usage Limit (gallons)~~	~~VOC Emission Limit (tons per 12 consecutive month period)~~
~~filter media~~		~~lbs~~		~~lbs~~		~~lbs~~			
~~mold release~~		~~lbs~~		~~lbs~~		~~lbs~~			
~~Plastisol~~		~~gallons~~		~~gallons~~		~~gallons~~			
~~vanishing lube~~		~~lbs~~		~~lbs~~		~~lbs~~			
~~printing ink~~		~~lbs~~		~~lbs~~		~~lbs~~			
~~Kem Aqua Primer~~		~~gallons~~		~~gallons~~		~~gallons~~			
~~Kem Aqua Gloss Black~~		~~gallons~~		~~gallons~~		~~gallons~~			
~~Kem Aqua Cat Yellow~~		~~gallons~~		~~gallons~~		~~gallons~~			

Kem Aqua flat black		gallons		gallons		gallons			
Kem Aqua red oxide		gallons		gallons		gallons			
Kem Aqua Onan		gallons		gallons		gallons			
	This Month			Previous 11 Months		12 Month Total			
	column 1	column 2	column 1 x column 2 / 2000 lbs/ton	column 3	(column 1 x column 3) / 2000 lbs/ton	column 4 (column 2 +column 3)	(column 1 x column 4) / 2000 lbs/ton		
Material	VOC Content	Actual Usage (gallons or lbs as specified)	Actual VOC Emissions (tons)	Actual Usage (gallons or lbs as specified)	Actual VOC Emissions (tons)	Actual VOC Emissions (tons)	Actual VOC Emissions (tons)	Usage Limit (gallons)	VOC Emission Limit (tons per 12 consecutive month period)
Rust-Ol HiGloss black	gallons			gallons		gallons			
Buff Primer	gallons			gallons		gallons			
Kem Aqua Buff Primer	gallons			gallons		gallons			
Rust-Ol Flat Black	gallons			gallons		gallons			
Rust-Ol Cat Yellow	gallons			gallons		gallons			
Rust-Ol Gloss Black	gallons			gallons		gallons			
Rust-Ol Red Primer	gallons			gallons		gallons			
Total									249

9 No deviation occurred in this quarter.

9 Deviation/s occurred in this quarter.
Deviation has been reported on: _____

Submitted by: _____
Title / Position: _____
Signature: _____
Date: _____
Phone: _____

A certification by the responsible official as defined by 326 IAC 2-7-1(34) is not required for this report.

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE DATA SECTION

Part 70 Quarterly Report

Source Name: **Donaldson Company, Inc.**
Source Address: **3260 W. State Road 28, Frankfort, Indiana 46041**
Mailing Address: **3260 W. State Road 28, Frankfort, Indiana 46041**
Part 70 Permit No.: **T 023-8315-00024**
Facilities: **Filter Media Moisture Removal (Emission Units C1, D4, H1, and L1)**
Parameter: **VOC Emissions**
Limit: **Less than a total of twenty-five (25) tons per twelve (12) consecutive month period with compliance determined at the end of each month.**

YEAR: _____

Month	VOC Emissions (tons)	VOC Emissions (tons)	VOC Emissions (tons)
	This Month	Previous 11 Months	12 Month Total

9 **No deviation occurred in this quarter.**

9 **Deviation/s occurred in this quarter.**
Deviation has been reported on: _____

Submitted by: _____

Title / Position: _____

Signature: _____

Date: _____

Phone: _____

Attach a signed certification to complete this report.

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE DATA SECTION

Part 70 Quarterly Report

Source Name: **Donaldson Company, Inc.**
Source Address: **3260 W. State Road 28, Frankfort, Indiana 46041**
Mailing Address: **3260 W. State Road 28, Frankfort, Indiana 46041**
Part 70 Permit No.: **T 023-8315-00024**
Facilities: **Entire Source, Including Coatings, Dilution Solvents, Cleaning Solvents, and Lubricants**
Parameter: **VOC Usage**
Limit: **Less than a total of 250 tons per twelve (12) consecutive month period with compliance determined at the end of each month.**

YEAR: _____

Month	VOC usage (tons)	VOC usage (tons)	VOC usage (tons)
	This Month	Previous 11 Months	12 Month Total

9 **No deviation occurred in this quarter.**

9 **Deviation/s occurred in this quarter.**
Deviation has been reported on: _____

Submitted by: _____

Title / Position: _____

Signature: _____

Date: _____

Phone: _____

Attach a signed certification to complete this report.

Conclusion

This proposed modification shall be subject to the conditions of the attached proposed Part 70 Significant Permit Modification No. 023-16612-00024.

Indiana Department of Environmental Management
Office of Air Quality

Addendum to the Technical Support Document for a Significant Permit Modification to a Part 70 Operating Permit

Source Name:	**Donaldson Company, Inc.**
Source Location:	**3260 W. State Road 28, Frankfort, Indiana 46041**
County:	**Clinton**
Operation Permit No.:	**T 023-8315-00024**
Significant Permit Modification No.:	**SPM 023-16612-00024**
SIC Code:	**3599**
Permit Reviewer:	**Michael S. Schaffer**

On May 23, 2003, the Office of Air Quality (OAQ) had a notice published in The Times, Frankfort, Indiana, stating that Donaldson Company, Inc. had applied for a Significant Permit Modification to a Part 70 Operating Permit to change the equipment list in Condition A.2 and Section D.1 of MPM 023-14849-00024, issued on December 26, 2001 as well as to revise conditions pertaining to the applicability of 326 IAC 8. The notice also stated that OAQ proposed to issue a Significant Permit Modification and provided information on how the public could review the proposed Significant Permit Modification and other documentation. Finally, the notice informed interested parties that there was a period of thirty (30) days to provide comments on whether or not this Significant Permit Modification to a Part 70 Operating Permit should be issued as proposed.

On June 19, 2003, Dianne Potter of Donaldson Company, Inc. submitted a comment on the proposed Significant Permit Modification to a Part 70 Operating Permit to update the stack information in the source's equipment list. The comment is as follows: The permit language, if changed, has deleted language as ~~strikeouts~~ and new language **bolded.**

Comment:

Donaldson Company, Inc. has renumbered the stacks. These changes are administrative, not physical changes, at the plant. Donaldson Company, Inc. is requesting that the permitted equipment list read as follows:

(a) One (1) Caterpillar Filter Line, consisting of the following emission units:

(1) One (1) infrared media heater, identified as emission unit C1, constructed in 1980, with a maximum capacity of 715 pounds of filter media per hour, with emissions uncontrolled and fugitive emissions;

(2) The electric pleat tip curing process, constructed in 1980, with a maximum capacity of 715 pounds of filter media per hour, with emissions uncontrolled and fugitive emissions;

(3) The encap molding process, constructed in 1980, with a maximum capacity of 88.898 pounds per hour, with emissions uncontrolled and exhausting to Stack V1;

(4) The gasket molding process, identified as emission unit C2, constructed in 1980, with a maximum capacity of 5 gallons of water per hour, with emissions uncontrolled and exhausting to Stack V1;

(5) The process of spraying mold release on molds prior to applying adhesive, identified as emission unit C3, coating plastic tooling, constructed in 1980, with a maxi-

mum capacity of 18.5 ounces of mold release agent per hour, with emissions uncontrolled and exhausting to Stack V10;

(6) One (1) soak tank, constructed in 1980, with a maximum capacity of 25 gallons of non-halogenated cleaning solvent, with emissions uncontrolled and exhausting to Stack V1;

(7) One (1) soak tank, constructed in 1980, with a maximum capacity of 0.5 gallons of non-halogenated cleaning solvent, with emissions uncontrolled.

(b) One (1) Hoosier Element Assembly Line, consisting of the following emission units:

(1) One (1) infrared media heater, identified as emission unit H1, constructed in 1984, with a maximum capacity of 393 pounds of filter media per hour, with emissions uncontrolled and fugitive emissions;

(2) The electric pleat tip curing process, identified as emission unit H2, constructed in 1984, with a maximum capacity of 393 pounds of filter media per hour, with emissions uncontrolled and fugitive emissions;

(3) One (1) paint booth, identified as emission unit H5, constructed in 1984, with a maximum capacity of 2.47 gallons of coating per hour and 247 metal air filter covers per hour, with overspray emissions controlled by a dry filter and VOC emissions uncontrolled and exhausting to Stack V3;

(4) Two (2) punch presses, identified as emission units H6, constructed in 1984, with a combined maximum capacity of 2 pounds of lubricant per hour, with emissions uncontrolled;

(5) One (1) soak tank for cleaning tooling, identified as emission unit H7, constructed in 1984, with a maximum capacity of 30 gallons and a maximum usage rate of 1 gallon of non-halogenated cleaning solvent per hour, with emissions uncontrolled and exhausting to Stack V2.

(c) One (1) Hybrid Line, consisting of the following emission units:

(1) Polyurethane mold flush, identified as emission unit D1, constructed in 1992, with a maximum capacity of 2 gallons of water per hour, with emissions uncontrolled and exhausting to Stack V6;

(2) The encap molding process, constructed in 1992, with a maximum capacity of 88.898 pounds per hour, with emissions uncontrolled and exhausting to Stack V5;

(3) The process of spraying mold release on molds prior to applying adhesive, identified as emission unit D3, coating plastic tooling, constructed in 1992, with a maximum capacity of 1 pound of mold release agent per hour, with emissions uncontrolled and exhausting to Stack V5;

(4) Two (2) soak tanks, constructed in 1992, capacity: 2 gallons of non-halogenated cleaning solvent and 5 gallons of non-halogenated cleaning solvent respectively, with the 5 gallon tank exhausting to Stack V6;

(5) One (1) infrared media heater, identified as emission unit D4, constructed in 1997, with a maximum capacity of 700 pounds of filter media per hour, with emissions uncontrolled and exhausting to stack E4;

(6) The electric pleat tip curing process, constructed in 1992, with a maximum capacity of 700 pounds of filter media per hour, with emissions uncontrolled and exhausting to stack E4.

(d) One (1) Express Filter Line, consisting of the following emission units:

(1) One (1) infrared media heater, identified as emission unit L1, constructed in 1997, with a maximum capacity of 806 pounds of filter media per hour, with emissions uncontrolled and fugitive emissions;

(2) The electric pleat tip curing process, constructed in 1997, with a maximum capacity of 806 pounds of filter media per hour, with emissions uncontrolled and fugitive emissions;

(3) The encap molding process, constructed in 1997, with a maximum capacity of 88.898 pounds per hour, with emissions uncontrolled;

(4) The process of spraying mold release on molds prior to applying adhesive, identified as emission unit L2, coating plastic tooling, constructed in 1997, with a maximum capacity of 26 ounces of mold release agent per hour, with emissions uncontrolled and exhausting to Stack V8;

(5) One (1) soak tank, constructed in 1998, with a maximum capacity of 25 gallons of non-halogenated cleaning solvent, with emissions uncontrolled and exhausting to Stack V8;

(6) One (1) soak tank, constructed in 1998, with a maximum capacity of 1 gallon of non-halogenated cleaning solvent, with emissions uncontrolled.

(e) Printing inks, identified as emission unit S1, using an ink jet or UV-cure screen printing methods, coats paper, plastic, and metal, constructed in 1980, with a maximum capacity of 2 pounds of printing ink per hour, with emissions uncontrolled. Note: these items are fugitive and used on all production lines.

(f) One (1) maintenance parts cold cleaner, constructed in 1980, identified as emission unit F1, with a maximum capacity of 30 gallons, using Petroleum Solvent, with emissions uncontrolled.

Response:

IDEM, OAQ has confirmed which emission units at this source do not exhaust directly to the atmosphere. The emission units that are uncontrolled are not considered fugitive emissions because the emissions from those units could be captured by a stack. The one (1) polyurethane mold flush, identified as D2, will be removed from this permit modification. Therefore, IDEM, OAQ has revised the information in Condition A.2 , the equipment list in Section D.1, and the stack information in Condition D.1.11(a) as follows:

A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-7-4(c)(3)] [326 IAC 2-7-5(15)]

This stationary source consists of the following emission units and pollution control devices:

(a) One (1) Caterpillar Filter Line, consisting of the following emission units:

(1) One (1) infrared media heater, identified as emission unit C1, constructed in 1980, with a maximum capacity of 715 pounds of filter media per hour, with emissions uncontrolled ~~and exhausting to stack E2~~;

(2) The electric pleat tip curing process, constructed in 1980, with a maximum capacity of 715 pounds of filter media per hour, with emissions uncontrolled ~~and exhausting to stack E2~~;

(3) The encap molding process, constructed in 1980, with a maximum capacity of 88.898 pounds per hour, with emissions uncontrolled **and exhausting to stack V1**;

(4) The gasket molding process, identified as emission unit C2, constructed in 1980, with a maximum capacity of 5 gallons of water per hour, with emissions uncontrolled and exhausting to stack ~~E2~~ **V1**;

(5) The process of spraying mold release on molds prior to applying adhesive, identified as emission unit C3, coating plastic tooling, constructed in 1980, with a maximum capacity of 18.5 ounces of mold release agent per hour, with emissions uncontrolled and exhausting to stack ~~E2~~ **V10**;

(6) One (1) soak tank, constructed in 1980, with a maximum capacity of 25 gallons of non-halogenated cleaning solvent, with emissions uncontrolled **and exhausting to stack V1**;

(7) One (1) soak tank, constructed in 1980, with a maximum capacity of 0.5 gallons of non-halogenated cleaning solvent, with emissions uncontrolled.

(b) One (1) Hoosier Element Assembly Line, consisting of the following emission units:

(1) One (1) infrared media heater, identified as emission unit H1, constructed in 1984, with a maximum capacity of 393 pounds of filter media per hour, with emissions uncontrolled ~~and exhausting to stack E2~~;

(2) The electric pleat tip curing process, identified as emission unit H2, constructed in 1984, with a maximum capacity of 393 pounds of filter media per hour, with emissions uncontrolled ~~and exhausting to stack E2~~;

(3) One (1) paint booth, identified as emission unit H5, constructed in 1984, with a maximum capacity of 2.47 gallons of coating per hour and 247 metal air filter covers per hour, with overspray emissions controlled by a dry filter and VOC emissions uncontrolled and exhausting to stack ~~E3~~ **V3**;

(4) Two (2) punch presses, identified as emission units H6, constructed in 1984, with a combined maximum capacity of 2 pounds of lubricant per hour, with emissions uncontrolled;

(5) One (1) soak tank for cleaning tooling, identified as emission unit H7, constructed in 1984, with a maximum capacity of 30 gallons and a maximum usage rate of 1 gallon of non-halogenated cleaning solvent per hour, with emissions uncontrolled **and exhausting to stack V2**.

(c) One (1) Hybrid Line, consisting of the following emission units:

(1) Polyurethane mold flush, identified as emission unit D1, constructed in 1992, with a maximum capacity of 2 gallons of water per hour, with emissions uncontrolled and exhausting to stack ~~E4~~ **V6**;

~~(2) Polyurethane mold flush, identified as emission unit D2, constructed in 1992, with a maximum capacity of 2 gallons of water per hour, with emissions uncontrolled and exhausting to stack E4;~~

~~(3)~~ **(2)** The encap molding process, constructed in 1992, with a maximum capacity of 88.898 pounds per hour, with emissions uncontrolled **and exhausting to stack V6**;

~~(4)~~ **(3)** The process of spraying mold release on molds prior to applying adhesive, identified as emission unit D3, coating plastic tooling, constructed in 1992, with a maximum capacity of 1 pound of mold release agent per hour, with emissions uncontrolled and exhausting to stack ~~E4~~ **V5**;

~~(5)~~ **(4)** Two (2) soak tanks, constructed in 1992, capacity: 2 gallons of non-halogenated cleaning solvent and 5 gallons of non-halogenated cleaning solvent respectively **with the 5 gallon soak tank exhausting to stack V6**;

~~(6)~~ **(5)** One (1) infrared media heater, identified as emission unit D4, constructed in 1997, with a maximum capacity of 700 pounds of filter media per hour, with emissions uncontrolled ~~and exhausting to stack E4~~;

~~(7)~~ **(6)** The electric pleat tip curing process, constructed in 1992, with a maximum capacity of 700 pounds of filter media per hour, with emissions uncontrolled ~~and exhausting to stack E4~~.

(d) One (1) Express Filter Line, consisting of the following emission units:

(1) One (1) infrared media heater, identified as emission unit L1, constructed in 1997, with a maximum capacity of 806 pounds of filter media per hour, with emissions uncontrolled ~~and exhausting to stack E11~~;

(2) The electric pleat tip curing process, constructed in 1997, with a maximum capacity of 806 pounds of filter media per hour, with emissions uncontrolled ~~and exhausting to stack E11~~;

(3) The encap molding process, constructed in 1997, with a maximum capacity of 88.898 pounds per hour, with emissions uncontrolled;

(4) The process of spraying mold release on molds prior to applying adhesive, identified as emission unit L2, coating plastic tooling, constructed in 1997, with a maximum capacity of 26 ounces of mold release agent per hour, with emissions uncontrolled and exhausting to stack ~~E11~~ **V8**;

(5) One (1) soak tank, constructed in 1998, with a maximum capacity of 25 gallons of non-halogenated cleaning solvent, with emissions uncontrolled **and exhausting to stack V8**;

(6) One (1) soak tank, constructed in 1998, with a maximum capacity of 1 gallon of non-halogenated cleaning solvent, with emissions uncontrolled.

(e) Printing inks, identified as emission unit S1, using an ink jet or UV-cure screen printing methods, coats paper, plastic, and metal, constructed in 1980, with a maximum capacity of 2 pounds of printing ink per hour, with emissions uncontrolled. Note: these items are fugitive and used on all production lines.

(f) One (1) maintenance parts cold cleaner, constructed in 1980, identified as emission unit F1, with a maximum capacity of 30 gallons, using Petroleum Solvent, with emissions uncontrolled.

SECTION D.1 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)]:

(a) One (1) Caterpillar Filter Line**,** consisting of the following emission units:

(1) One (1) infrared media heater, identified as emission unit C1, constructed in 1980, with a maximum capacity of 715 pounds of filter media per hour, with emissions uncontrolled ~~and exhausting to stack E2~~;

(2) The electric pleat tip curing process, constructed in 1980, with a maximum capacity of 715 pounds of filter media per hour, with emissions uncontrolled ~~and exhausting to stack E2~~;

(3) The encap molding process, constructed in 1980, with a maximum capacity of 88.898 pounds per hour, with emissions uncontrolled **and exhausting to stack V1**;

(4) The gasket molding process, identified as emission unit C2, constructed in 1980, with a maximum capacity of 5 gallons of water per hour, with emissions uncontrolled and exhausting to stack ~~E2~~ **V1**;

(5) The process of spraying mold release on molds prior to applying adhesive, identified as emission unit C3, coating plastic tooling, constructed in 1980, with a maximum capacity of 18.5 ounces of mold release agent per hour, with emissions uncontrolled and exhausting to stack ~~E2~~ **V10**;

(6) One (1) soak tank, constructed in 1980, with a maximum capacity of 25 gallons of non-halogenated cleaning solvent, with emissions uncontrolled **and exhausting to stack V1**;

(7) One (1) soak tank, constructed in 1980, with a maximum capacity of 0.5 gallons of non-halogenated cleaning solvent, with emissions uncontrolled.

(b) One (1) Hoosier Element Assembly Line, consisting of the following emission units:

(1) One (1) infrared media heater, identified as emission unit H1, constructed in 1984, with a maximum capacity of 393 pounds of filter media per hour, with emissions uncontrolled ~~and exhausting to stack E2~~;

(2) The electric pleat tip curing process, identified as emission unit H2, constructed in 1984, with a maximum capacity of 393 pounds of filter media per hour, with emissions uncontrolled and exhausting to stack E2;

(3) One (1) paint booth, identified as emission unit H5, constructed in 1984, with a maximum capacity of 2.47 gallons of coating per hour and 247 metal air filter covers per hour, with overspray emissions controlled by a dry filter and VOC emissions uncontrolled and exhausting to stack E3 V3;

(4) Two (2) punch presses, identified as emission units H6, constructed in 1984, with a combined maximum capacity of 2 pounds of lubricant per hour, with emissions uncontrolled;

Facility Description [326 IAC 2-7-5(15)]: continued

(5) One (1) soak tank for cleaning tooling, identified as emission unit H7, constructed in 1984, with a maximum capacity of 30 gallons and a maximum usage rate of 1 gallon of non-halogenated cleaning solvent per hour, with emissions uncontrolled and exhausting to stack V2.

(c) One (1) Hybrid Line, consisting of the following emission units:

(1) Polyurethane mold flush, identified as emission unit D1, constructed in 1992, with a maximum capacity of 2 gallons of water per hour, with emissions uncontrolled and exhausting to stack ~~E4~~ **V6**;

~~(2) Polyurethane mold flush, identified as emission unit D2, constructed in 1992, with a maximum capacity of 2 gallons of water per hour, with emissions uncontrolled and exhausting to stack E4;~~

~~(3)~~ **(2)** The encap molding process, constructed in 1992, with a maximum capacity of 88.898 pounds per hour, with emissions uncontrolled **and exhausting to stack V6**;

~~(4)~~ **(3)** The process of spraying mold release on molds prior to applying adhesive, identified as emission unit D3, coating plastic tooling, constructed in 1992, with a maximum capacity of 1 pound of mold release agent per hour, with emissions uncontrolled and exhausting to stack ~~E4~~ **V5**;

~~(5)~~ **(4)** Two (2) soak tanks, constructed in 1992, capacity: 2 gallons of non-halogenated cleaning solvent and 5 gallons of non-halogenated cleaning solvent respectively **with the 5 gallon tank exhausting to stack V6**;

~~(6)~~ **(5)** One (1) infrared media heater, identified as emission unit D4, constructed in 1997, with a maximum capacity of 700 pounds of filter media per hour, with emissions uncontrolled ~~and exhausting to stack E4~~;

~~(7)~~ **(6)** The electric pleat tip curing process, constructed in 1992, with a maximum capacity of 700 pounds of filter media per hour, with emissions uncontrolled ~~and exhausting to stack E4~~.

(d) One (1) Express Filter Line, consisting of the following emission units:

(1) One (1) infrared media heater, identified as emission unit L1, constructed in 1997, with a maximum capacity of 806 pounds of filter media per hour, with emissions uncontrolled ~~and exhausting to stack E11~~;

(2) The electric pleat tip curing process, constructed in 1997, with a maximum capacity of 806 pounds of filter media per hour, with emissions uncontrolled ~~and exhausting to stack E11~~;

(3) The encap molding process, constructed in 1997, with a maximum capacity of 88.898 pounds per hour, with emissions uncontrolled;

(4) The process of spraying mold release on molds prior to applying adhesive, identified as emission unit L2, coating plastic tooling, constructed in 1997, with a maximum capacity of 26 ounces of mold release agent per hour, with emissions uncontrolled and exhausting to stack ~~E11~~ **V8**;

(5) One (1) soak tank, constructed in 1998, with a maximum capacity of 25 gallons of non-halogenated cleaning solvent, with emissions uncontrolled **and exhausting to stack V8**;

(6) One (1) soak tank, constructed in 1998, with a maximum capacity of 1 gallon of non-halogenated cleaning solvent, with emissions uncontrolled.

(e) Printing inks, identified as emission unit S1, using an ink jet or UV-cure screen printing methods, coats paper, plastic, and metal, constructed in 1980, with a maximum capacity of 2 pounds of printing ink per hour, with emissions uncontrolled. Note: these items are fugitive and used on all production lines.

(f) One (1) maintenance parts cold cleaner, constructed in 1980, identified as emission unit F1, with a maximum capacity of 30 gallons, using Petroleum Solvent, with emissions uncontrolled.

(The information describing the processes contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

D.1.11 Monitoring

(a) Daily inspections shall be performed to verify the placement, integrity and particle loading of the filters. To monitor the performance of the dry filters, weekly observations shall be made of the overspray from the surface coating booth stack ~~E3~~ **V3** while the booth is in operation. The Compliance Response Plan shall be followed whenever a condition exist which should result in a response step. Failure to take response steps in accordance with Section C - Compliance Monitoring Plan - Failure to Take Response Steps, shall be considered a violation of this permit.